

106. The system of claim 105 further comprising a temperature controller coupled to the temperature sensor and the power source for regulating the power applied to the electrode terminal based on the temperature at the target site.

A7
cont.
107. The system of claim 102 further comprising a fluid delivery element for delivering electrically conductive fluid to the target site between the active electrode and the body structure.

sub 108. The system of claim 106 wherein the temperature controller adjusts the output voltage of the power supply in response to a temperature set point and the measured temperature value received from the temperature sensor.

109. The system of claim 106 wherein the temperature controller limits or interrupts current flow to the active electrode when the temperature at the target site reaches a threshold value.

REMARKS

Amendment to the Specification

Applicants have amended the specification to include inadvertently omitted pages 18, 21 and 31 from the parent application. These two pages were originally filed in Application No. 08/561,958, filed November 22, 1995, from which the present application claims priority.

Applicants have also added new Fig. 25 to further claim the features of the present invention. This feature is fully described in the present invention and previous commonly-assigned patent no. 5,697,909 (at col. 5, lines 52-64; col. 14, lines 22-35) that has been incorporated herein by reference.

A

Page 10 of 10

CONCLUSION

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (408) 736-0224.

Respectfully submitted,

John T. Raffle
Reg. No. 38,585

ArthroCare Corporation
595 N. Pastoria Avenue
Sunnyvale, CA 94086

[illegible]

A